

SEQUENCE LISTING

<110> FREEMAN, MATTHEW

<120> PROTOZOAN RHOMBOID PROTEINS

<130> MEWE-022

<150> 60/422,861

<151> 2002-11-01

<160> 13

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 7

<212> PRT

<213> Drosophila melanogaster

<400> 1

Ala Ser Ile Ala Ser Gly Ala

1 5

<210> 2

<211> 4

<212> PRT

<213> Artificial Sequence

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<223> synthetic motif

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Lys Asp Glu Leu

1

<210> 3

<211> 27

<212> PRT

<213> Eimeria tenella

<400> 3

Gly Phe Pro Thr Ala Ala Val Ala Gly Gly Val Gly Gly Val Leu Leu

1 5 10 15

Leu Ala Ala Val Gly Gly Gly Val Ala Ala Tyr

20 25

<210> 4

<211> 26

<212> PRT

<213> Toxoplasma gondii

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Ser Gly Ile Ala Gly Ala Ile Ala Gly Gly Val Ile Gly Gly Leu Ile

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 Leu Leu Gly Ala Ala Gly Gly Ala Ser Tyr
 20 25

<210> 5
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 <212> PRT
 <213> *Toxoplasma gondii*

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 Ser Gly His Ala Gly Ala Ile Ala Gly Gly Val Ile Gly Gly Leu Leu
 1 5 10 15
 Leu Leu Ser Ala Ala Gly Ala Gly Val Ala Tyr
 20 25

<210> 6
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 <213> *Toxoplasma gondii*

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 Gly Val Pro Val Ala Ala Ile Ala Gly Gly Val Val Gly Gly Val Leu
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 Leu Ile Ala Gly Gly Ala Gly Ala Ala Val Tyr
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<210> 7
 <211> 25
 <212> PRT
 <213> *Plasmodium berghei*

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 Ser Asn Asn Gly Ile Lys Ile Ala Gly Gly Ile Ile Gly Gly Leu Ala
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 Ile Ile Gly Cys Ile Gly Val Gly Tyr
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<210> 8
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 <212> PRT
 <213> *Plasmodium falciparum*

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 Ser Asp Asn Lys Tyr Lys Ile Ala Gly Gly Ile Ala Gly Gly Leu Ala
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 Leu Leu Ala Cys Ala Gly Leu Ala Tyr
 20 25

<210> 9
 <211> 26
 <212> PRT
 <213> *Eimeria tenella*

<400> 9

Gly Phe Pro Thr Ala Ala Val Ala Gly Gly Val Ala Gly Gly Val Leu
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 Ala Ile Ala Ala Gly Ala Gly Ala Phe Tyr
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<210> 10
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 <213> Sarcocystis muris

<400> 10
 Gly Met Pro Thr Ala Ala Ile Ala Gly Gly Ile Val Gly Gly Val Leu
 1 5 10 15
 Leu Leu Gly Ala Ala Gly Gly Gly Ala Ala Tyr
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<210> 11
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 <213> Toxoplasma gondii

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 Leu Leu Ala Leu Leu Gly Gly Gly Cys Tyr
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<210> 12
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 <212> PRT
 <213> Drosophila melanogaster

<400> 12
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 Ala Leu Val Phe Met Leu Phe Val Cys Leu Ala Phe Tyr Leu
 20 25 30

<210> 13
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 <212> PRT
 <213> Drosophila melanogaster

<400> 13
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 1 5 10 15
 Ala Leu Leu Phe Met Ala Met Cys Cys Val Val Leu Tyr Leu
 20 25 30